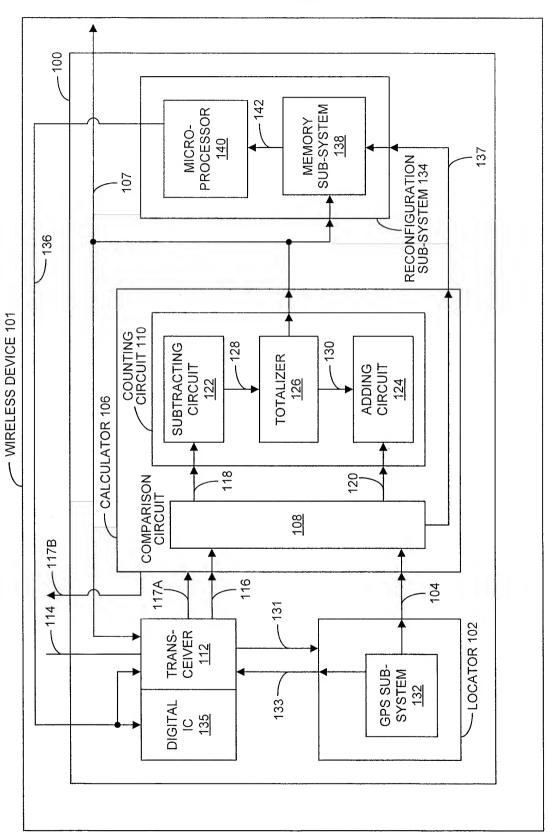
1/4

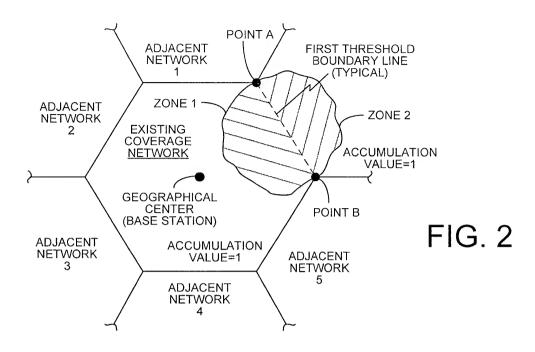


<u>F</u>

App. No.: 10/649,011 Filing Date: 8/26/2003 Atty. Docket No.: UTL 00290

REPLACEMENT SHEET

2/4



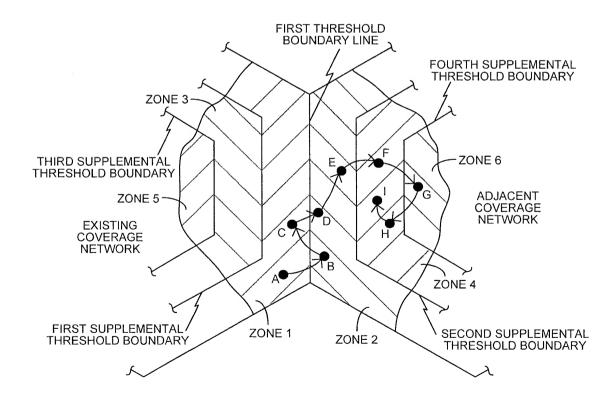
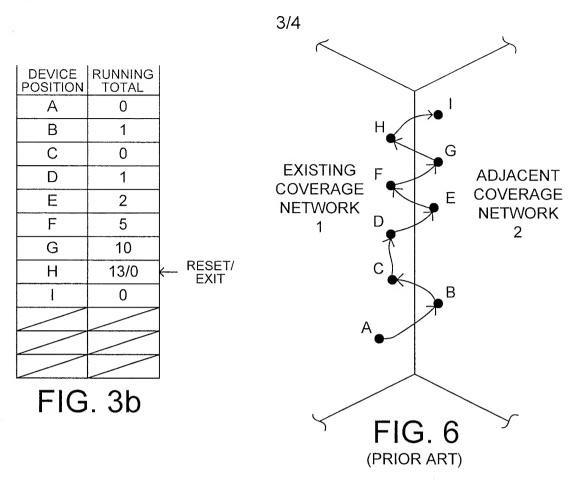


FIG. 3a

App. No.: 10/649,011 Filing Date: 8/26/2003

Atty. Docket No.: UTL 00290

REPLACEMENT SHEET



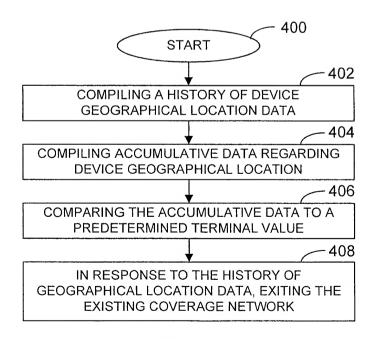


FIG. 4

App. No.: 10/649,011 Filing Date: 8/26/2003 Atty. Docket No.: UTL 00290

REPLACEMENT SHEET

4/4 START 500 502 SUPPLYING THE DEVICE GEOGRAPHICAL POSITION 504 DETERMINING A THRESHOLD BOUNDARY LINE 506 MEASURING THE POSITION OF EACH SAMPLE POINT WITH RESPECT TO A PREDETERMINED THRESHOLD BOUNDARY LINE 508 ASSIGNING AN ACCUMULATION AMOUNT TO EACH SAMPLE POINT POSITION 510 PERFORMING A MATHEMATICAL FUNCTION RESPONSE TO MEASURING POSITION 512 MAINTAINING A RUNNING SUM 514 USING THE THRESHOLD BOUNDARY LINE TO PARTITION, INTO FIRST AND SECOND ZONES, AN AREA INCLUDING AT LEAST A PORTION OF A COVERAGE AREA FOR THE EXISTING COVERAGE NETWORK AND AT LEAST A PORTION OF A COVERAGE AREA FOR A SECOND COVERAGE NETWORK PROXIMATE THE EXISTING COVERAGE NETWORK 516 DECREMENTING THE RUNNING SUM FOR SAMPLE POINT POSITIONS IN THE FIRST ZONE AND INCREMENTING THE RUNNING SUM FOR SAMPLE POINT POSITIONS IN THE SECOND ZONE 518 USING THE ACCUMULATION AMOUNTS TO CHANGE THE RUNNING SUM 520 EXITING WHEN THE RUNNING SUM IS GREATER THAN. OR EQUAL TO, A TERMINAL VALUE

FIG. 5